

09902912.1 1001

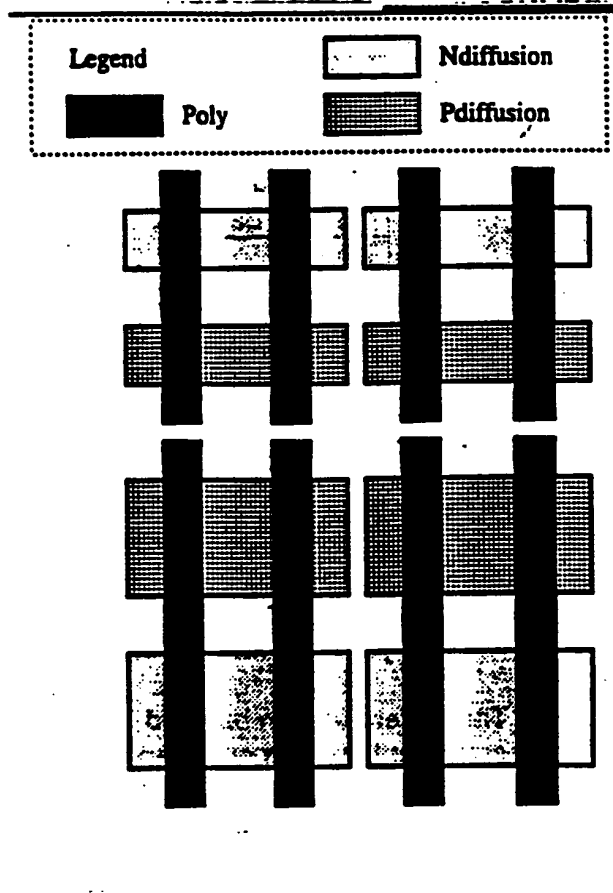
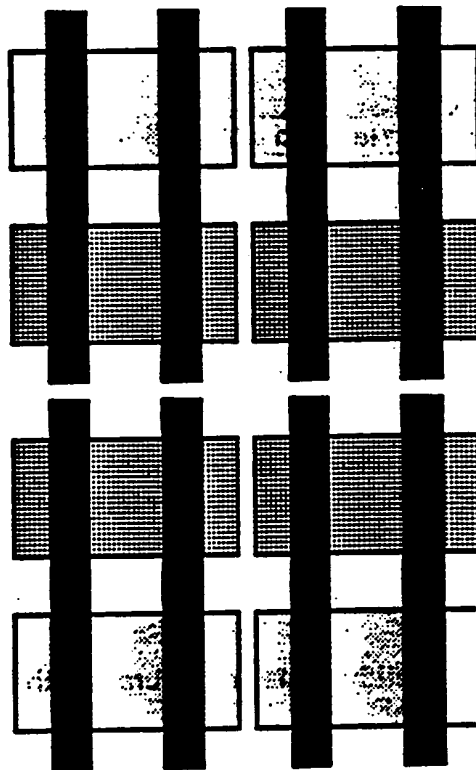
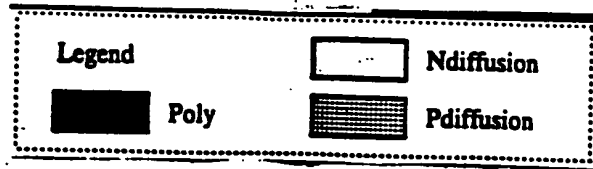


FIG. 1

P6643

FOOT 24620660



Traditional Approach

FIG. 2

P6643

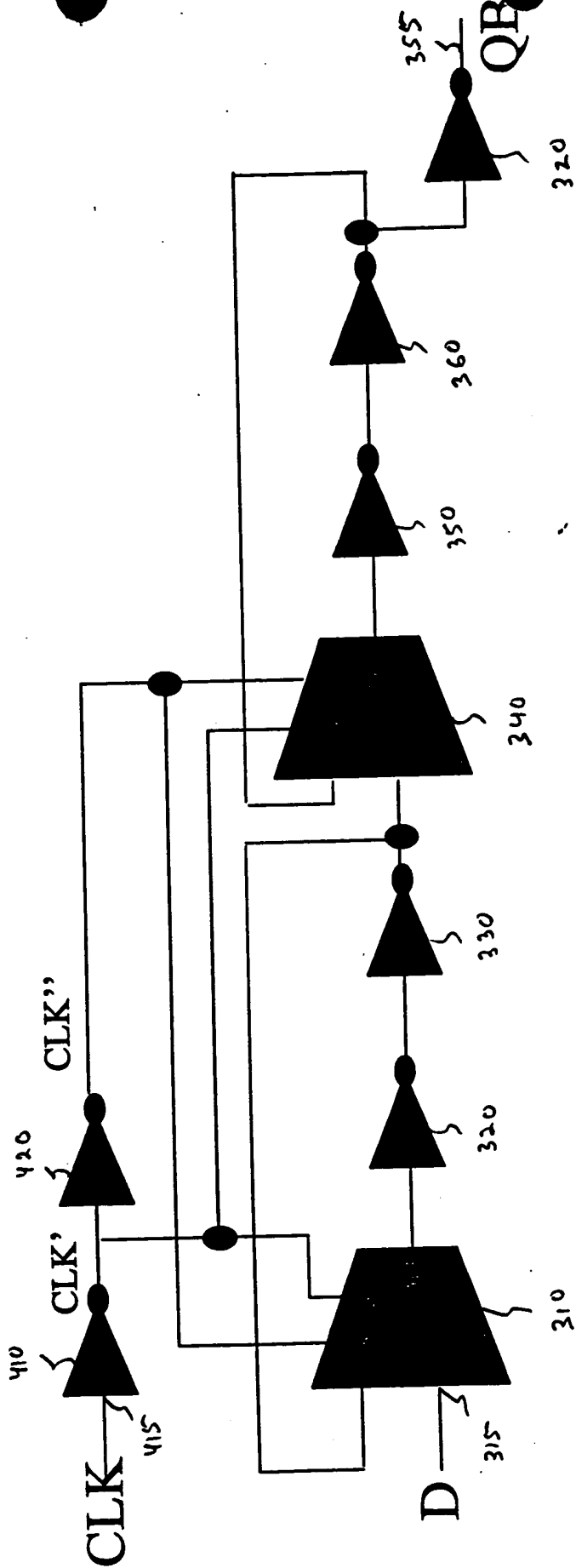


FIG. 3

0902912.1 .001  
T00 1'2162060

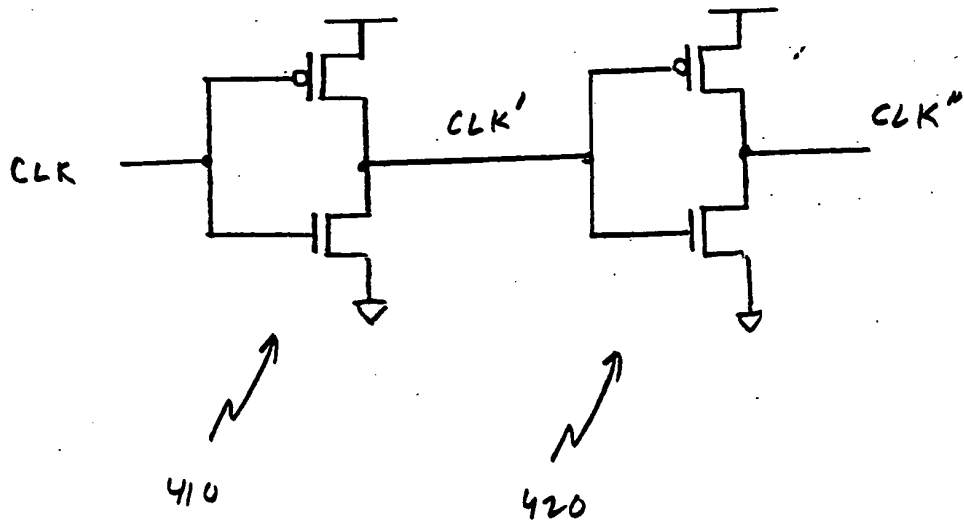


FIG. 4

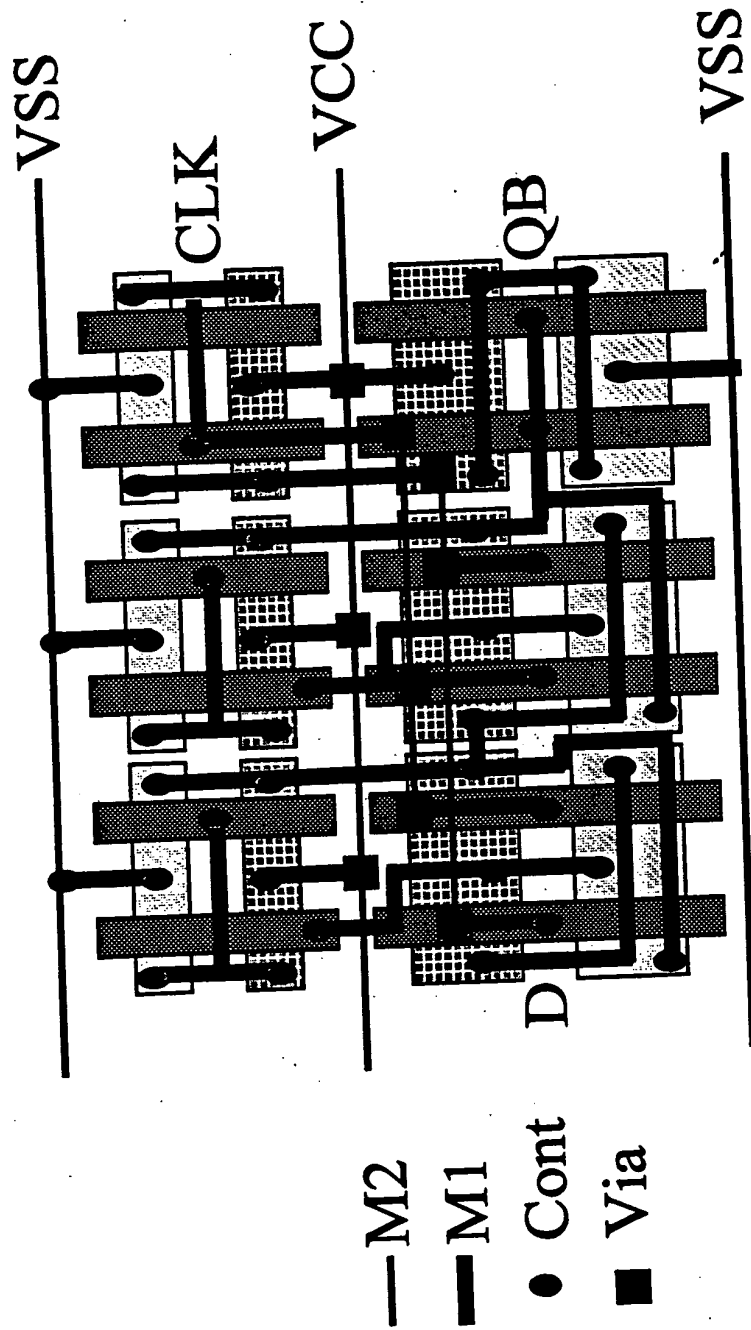


FIG. 5

Table 2

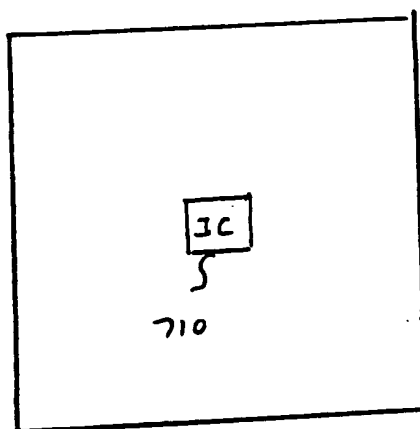
Name	Clock Pin Power	Notes
Capacitance Improved	0.06 pJ	FIG. 2
Si Arc	0.13 pJ	Si Arc CBA
Traditional	0.15 pJ	FIG. 2

pJ = pico Joules

FIG. 6

P6643

09902912-071001



700

FIG. 7

P6643